

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E71779

Participation : CTR

Employer : University of Washington

Status : Affected

Worksite : Tacoma Campus

Survey Type : Online

Street : 1900 Commerce St

Response Rate : 71%

Jurisdiction : City of Tacoma

Survey Date : 5/20/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 33.1%

Drive Alone Rate : 66.9%

One-Way VMT per employee : 9.9

Average One-Way distance home to work : 13.9

Employees and Survey Response Information

Reported Total Employees at Worksite: 1,073

Surveys Distributed : 485

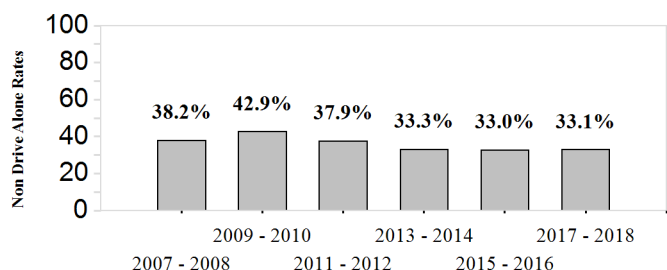
Surveys Returned : 344

Surveys Returned by CTR Affected* Employees : 305

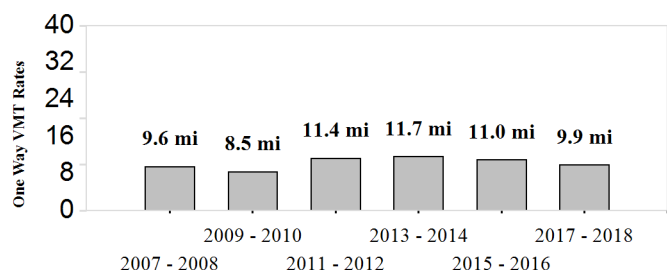
Total Estimated CTR Affected Employees at Worksite : 430

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

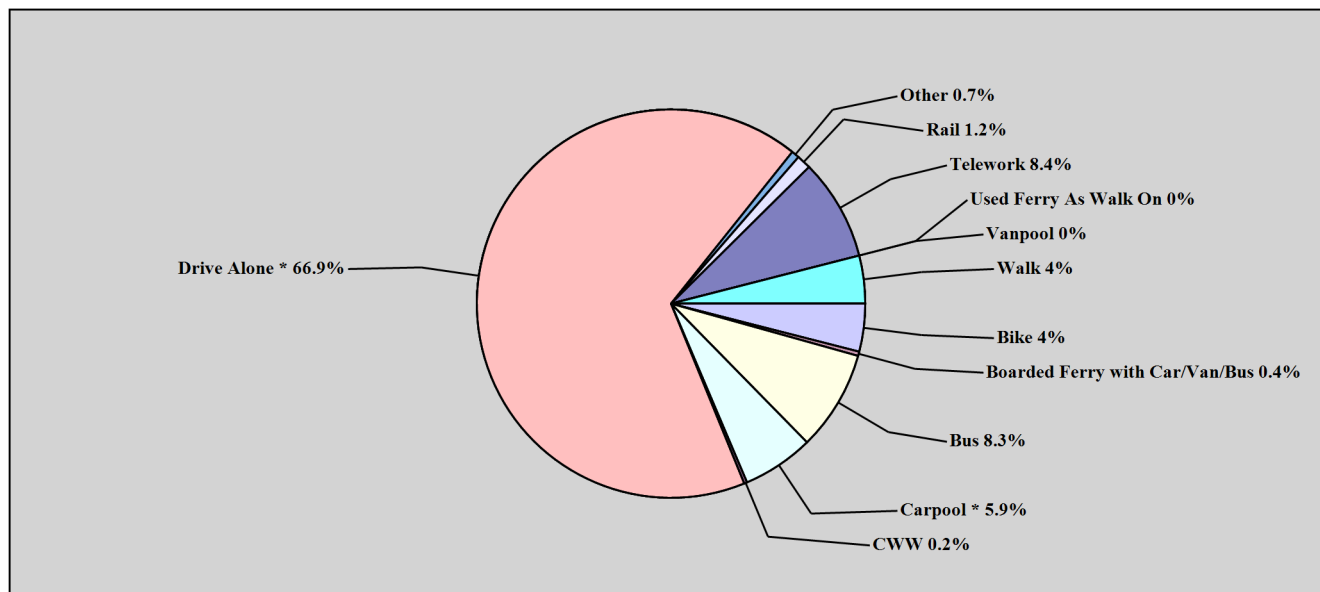
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	38.2%	36.9%	461	631	5.2	9.6	10.1
2009 - 2010	42.9%	44.2%	361	516	4.2	8.5	8.0
2011 - 2012	37.9%	42.8%	928	1292	10.6	11.4	9.6
2013 - 2014	33.3%	33.2%	977	1561	12.8	11.7	11.2
2015 - 2016	33.0%	32.4%	823	1164	9.6	11.0	10.6
2017 - 2018	33.1%	33.2%	740	2307	19.0	9.9	9.5
Target	44.2%				Target:	7.9	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-5.1				% Change from Baseline:	3.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



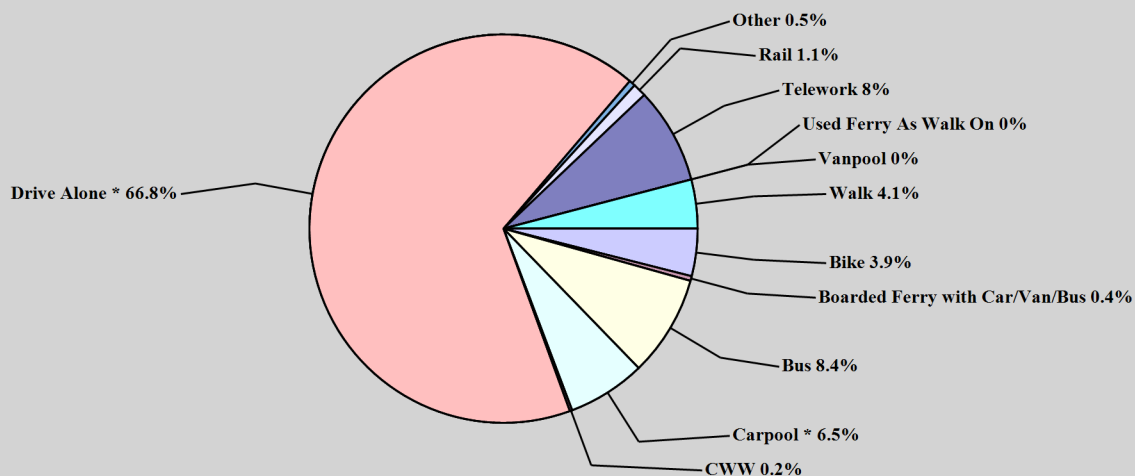
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,125	66.9%	67.0%	275	79.9%	81.8%
Carpool *	100	5.9%	5.4%	33	9.6%	8.4%
Vanpool	0	0.0%	0.1%	0	0.0%	0.3%
Bus	140	8.3%	10.5%	44	12.8%	14.8%
Rail	20	1.2%	0.5%	9	2.6%	1.4%
Bike	67	4.0%	2.4%	22	6.4%	4.7%
Walk	67	4.0%	3.8%	21	6.1%	5.0%
Telework	142	8.4%	8.0%	63	18.3%	19.0%
CWW	4	0.2%	0.3%	4	1.2%	1.1%
Boarded Ferry with Car/Van/Bus	6	0.4%	0.4%	1	0.3%	0.6%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	11	0.7%	1.6%	5	1.5%	2.2%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,017	66.8%	67.6%	246	80.7%	81.1%
Carpool *	99	6.5%	5.1%	32	10.5%	8.1%
Vanpool	0	0.0%	0.1%	0	0.0%	0.3%
Bus	128	8.4%	11.0%	38	12.5%	15.2%
Rail	17	1.1%	0.6%	7	2.3%	1.6%
Bike	60	3.9%	2.2%	20	6.6%	4.0%
Walk	62	4.1%	3.8%	18	5.9%	5.3%
Telework	122	8.0%	7.5%	55	18.0%	17.7%
CWW	3	0.2%	0.3%	3	1.0%	1.2%
Boarded Ferry with Car/Van/Bus	6	0.4%	0.5%	1	0.3%	0.6%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	8	0.5%	1.4%	4	1.3%	2.2%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	180	52%	344	100%
1 Days	29	8%	164	48%
2 Days	30	9%	135	39%
3 Days	26	8%	105	31%
4 Days	18	5%	79	23%
5 Days	50	15%	61	18%
6 or More Days	11	3%	11	3%

Count by Occupancy of Carpools and Vanpools

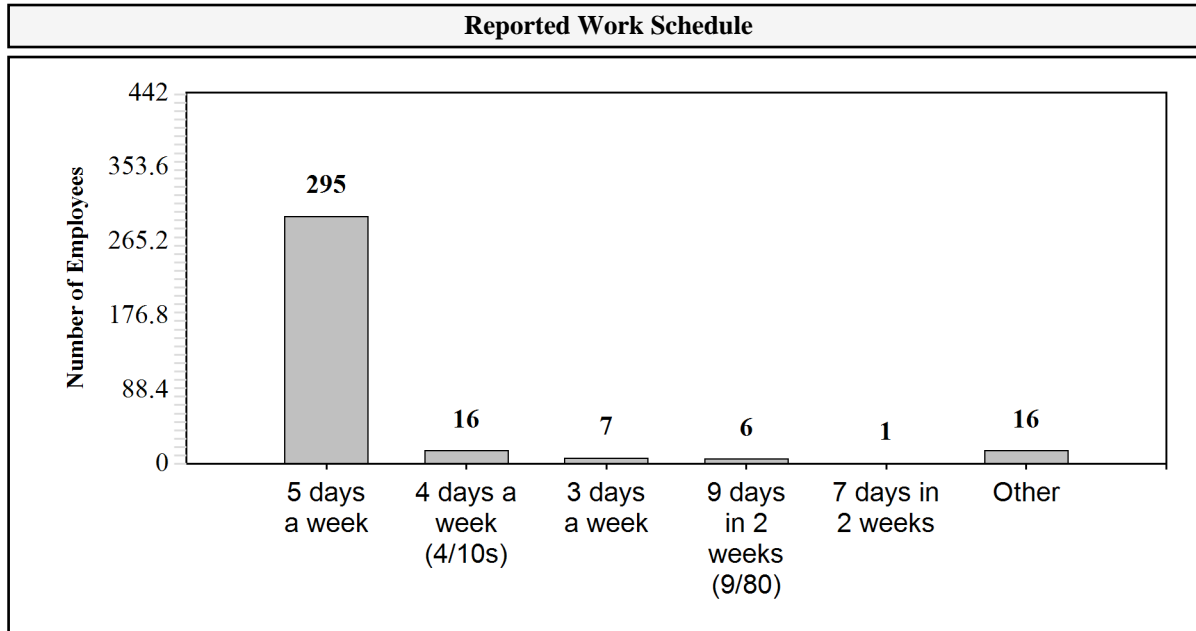
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	95
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

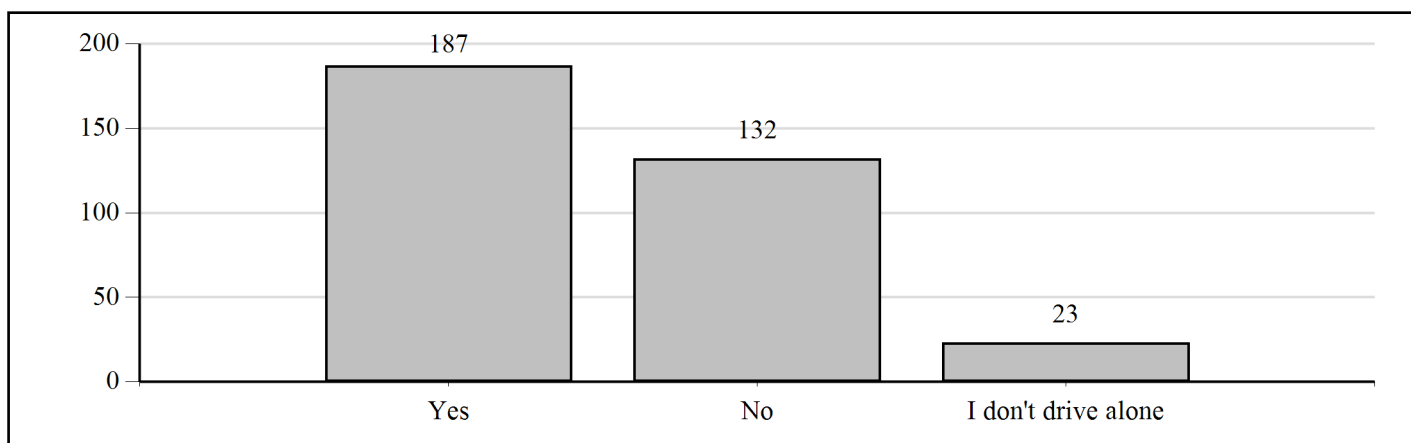
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	295	86.5%
4 days a week (4/10s)	16	4.7%
3 days a week	7	2.1%
9 days in 2 weeks (9/80)	6	1.8%
7 days in 2 weeks	1	0.3%
Other	16	4.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.6%
I don't telework	178	51.7%
Occasionally, on an as-needed basis	69	20.1%
1-2 days/month	12	3.5%
1 day/week	25	7.3%
2 days/week	38	11.0%
3 days/week	20	5.8%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Environmental and community benefits	104	15.1%
Personal health or well-being	94	13.6%
I have the option of teleworking	94	13.6%
Free or subsidized bus, train, vanpool pass or fare benefit	84	12.2%
Cost of parking or lack of parking	76	11.0%
To save money	73	10.6%
Other	64	9.3%
Driving myself is not an option	33	4.8%
Financial incentives for carpooling, bicycling or walking.	29	4.2%
To save time using the HOV lane	21	3.0%
Emergency ride home is provided	9	1.3%
Preferred/reserved carpool/vanpool parking is provided	6	0.9%
I receive a financial incentive for giving up my parking space	4	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	214	26.5%
I like the convenience of having my car	175	21.7%
Family care or similar obligations	144	17.8%
Other	98	12.1%
My commute distance is too short	56	6.9%
My job requires me to use my car for work	50	6.2%
Bicycling or walking isn't safe	50	6.2%
I need more information on alternative modes	13	1.6%
There isn't any secure or covered bicycle parking	7	0.9%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98407	27	7.85%	81	12	0	0	21	0	7	0	14	0	0	0	3
98403	25	7.27%	68	7	0	0	5	2	26	4	1	0	0	0	5
98406	25	7.27%	76	15	0	0	8	1	6	6	13	0	0	0	0
98405	21	6.10%	63	8	0	0	8	0	7	12	4	0	0	0	0
98402	14	4.07%	18	3	0	0	1	10	0	34	1	0	0	0	0
98466	12	3.49%	48	10	0	0	1	1	0	0	3	0	0	0	0
98467	11	3.20%	39	0	0	0	0	0	7	1	7	0	0	0	0
98404	10	2.91%	46	3	0	0	0	0	0	0	1	0	0	0	0
98408	10	2.91%	36	0	0	0	2	0	9	2	0	0	0	0	0
98387	9	2.62%	41	0	0	0	0	0	0	0	2	0	0	0	0
98371	8	2.33%	26	2	0	0	9	0	0	0	2	0	0	0	1
98335	7	2.03%	28	0	0	0	5	0	0	0	2	0	0	0	0
98418	7	2.03%	24	10	0	0	0	0	0	1	0	0	0	0	0
98006	6	1.74%	17	1	0	0	0	0	0	0	12	0	0	0	0
98023	6	1.74%	29	1	0	0	0	0	0	0	0	0	0	0	0
98103	6	1.74%	10	3	0	0	7	0	0	0	7	0	0	0	0
98373	6	1.74%	19	0	0	2	1	5	0	0	2	0	0	0	1
98422	6	1.74%	25	0	0	0	4	0	0	0	1	0	0	0	0
98409	5	1.45%	20	0	0	0	0	0	4	0	0	0	0	0	0
98070	4	1.16%	6	0	0	0	5	0	0	0	2	0	6	0	0
98118	4	1.16%	9	0	0	0	5	0	0	0	3	0	0	0	0
98329	4	1.16%	20	0	0	0	0	0	0	0	0	0	0	0	0
98372	4	1.16%	14	1	0	0	4	0	0	0	1	1	0	0	0
98374	4	1.16%	12	0	0	0	5	0	0	0	4	0	0	0	0
98444	4	1.16%	15	5	0	0	0	0	0	0	0	0	0	0	0
98498	4	1.16%	20	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98502	4	1.16%	13	7	0	0	0	0	0	0	0	0	0	0	0
98112	3	0.87%	10	0	0	0	1	1	1	0	2	0	0	0	0
98122	3	0.87%	1	0	0	0	9	0	0	0	5	0	0	0	0
98126	3	0.87%	9	0	0	0	2	0	0	0	5	0	0	0	0
98375	3	0.87%	12	0	0	0	0	0	0	0	2	1	0	0	0
98388	3	0.87%	13	0	0	0	0	0	0	0	1	0	0	0	0
98506	3	0.87%	9	5	0	0	0	0	0	0	0	0	0	0	0
98516	3	0.87%	12	0	0	0	0	0	0	0	4	1	0	0	0
98003	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
98030	2	0.58%	6	2	0	0	0	0	0	0	3	0	0	0	0
98116	2	0.58%	1	0	0	0	7	0	0	0	0	0	0	0	0
98117	2	0.58%	5	0	0	0	0	0	0	0	3	0	0	0	1
98188	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
98327	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
98349	2	0.58%	2	0	0	0	5	0	0	0	0	0	0	0	0
98354	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
98366	2	0.58%	11	0	0	0	0	0	0	0	0	0	0	0	0
98445	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
98465	2	0.58%	8	0	0	0	0	0	0	0	2	0	0	0	0
98499	2	0.58%	9	0	0	0	0	0	0	0	1	0	0	0	0
98501	2	0.58%	7	0	0	0	0	0	0	0	3	0	0	0	0
98597	2	0.58%	8	0	0	0	0	0	0	0	1	0	0	0	0
	1	0.29%	0	0	0	0	0	0	0	0	0	0	0	0	0
98001	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.29%	0	0	0	0	3	0	0	0	2	0	0	0	0
98012	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98027	1	0.29%	2	0	0	0	0	0	0	0	3	0	0	0	0
98032	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
98036	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.29%	4	0	0	0	0	0	0	0	1	0	0	0	0
98057	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.29%	3	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.29%	3	0	0	0	0	0	0	2	0	0	0	0	0
98106	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98107	1	0.29%	2	0	0	0	0	0	0	0	2	0	0	0	0
98109	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98115	1	0.29%	2	0	0	0	0	0	0	0	3	0	0	0	0
98119	1	0.29%	4	0	0	0	0	0	0	0	0	1	0	0	0
98125	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.29%	0	0	0	0	4	0	0	0	1	0	0	0	0
98136	1	0.29%	1	0	0	0	0	0	0	0	4	0	0	0	0
98146	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.29%	2	0	0	0	0	0	0	0	3	0	0	0	0
98198	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.29%	3	0	0	0	0	0	0	0	0	0	0	0	0
98332	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98338	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.29%	0	0	0	0	3	0	0	0	2	0	0	0	0
98360	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98380	1	0.29%	3	0	0	0	0	0	0	0	0	0	0	0	0
98390	1	0.29%	3	0	0	0	0	0	0	0	0	0	0	0	0
98391	1	0.29%	4	0	0	0	0	0	0	0	1	0	0	0	0
98394	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98424	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
98503	1	0.29%	0	5	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98512	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98528	1	0.29%	3	0	0	0	0	0	0	0	2	0	0	0	0
98535	1	0.29%	1	0	0	0	0	0	0	0	4	0	0	0	0
98538	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98584	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98604	1	0.29%	0	0	0	0	0	0	0	5	0	0	0	0	0